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32864	7590	08/31/2010	EXAMINER	
FISH & RICHARDSON, P.C.			KE, PENG	
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			08/31/2010	ELECTRONIC

Please find below and/or attached an Office communication concerning this application or proceeding.

The time period for reply, if any, is set in the attached communication.

Notice of the Office communication was sent electronically on above-indicated "Notification Date" to the following e-mail address(es):

PATDOCTC@fr.com

Office Action Summary

Application No.

10/804,320

Applicant(s)

KUMAR ET AL.

Examiner

SIMON KE

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Period for Reply -- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) OR THIRTY (30) DAYS, WHICHEVER IS LONGER, FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

- 1) ☒ Responsive to communication(s) filed on 03 November 2009.
- 2a) ☒ This action is **FINAL**. 2b) ☐ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

- 4) ☒ Claim(s) 1-6, 8-15, 17 and 18 is/are pending in the application.
- 4a) Of the above claim(s) _____ is/are withdrawn from consideration.
- 5) ☐ Claim(s) _____ is/are allowed.
- 6) ☒ Claim(s) 1-6, 8-15, and 17-18 is/are rejected.
- 7) ☐ Claim(s) _____ is/are objected to.
- 8) ☐ Claim(s) _____ are subject to restriction and/or election requirement.

Application Papers

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☐ The drawing(s) filed on _____ is/are: a) ☐ accepted or b) ☐ objected to by the Examiner.
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

Priority under 35 U.S.C. § 119

- 12) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☐ All b) ☐ Some * c) ☐ None of:
1. ☐ Certified copies of the priority documents have been received.
 2. ☐ Certified copies of the priority documents have been received in Application No. _____.
 3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

* See the attached detailed Office action for a list of the certified copies not received.

Attachment(s)

- 1) ☒ Notice of References Cited (PTO-892)
- 2) ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)
- 3) ☐ Information Disclosure Statement(s) (PTO/SB-06)
Paper No(s)/Mail Date _____
- 4) ☐ Interview Summary (PTO-413)
Paper No(s)/Mail Date _____
- 5) ☐ Notice of Informal Patent Application
- 6) ☐ Other: _____

DETAILED ACTION

This communication is responsive to amendment filed 11/03/2009.

Claims 1-6, 8-15, and 17-18 are pending in this application. Claims 1, 8, 17 and 18 are independent claims. In the amendment filed 11/03/2009, Claims 1, 8, 17 and 18 were amended.

Claim Rejections - 35 USC § 103

The following is a quotation of 35 U.S.C. 103(a) which forms the basis for all obviousness rejections set forth in this Office action:

(a) A patent may not be obtained though the invention is not identically disclosed or described as set forth in section 102 of this title, if the differences between the subject matter sought to be patented and the prior art are such that the subject matter as a whole would have been obvious at the time the invention was made to a person having ordinary skill in the art to which said subject matter pertains. Patentability shall not be negated by the manner in which the invention was made.

The factual inquiries set forth in *Graham v. John Deere Co.*, 383 U.S. 1, 148 USPQ 459 (1966), that are applied for establishing a background for determining obviousness under 35 U.S.C. 103(a) are summarized as follows:

1. Determining the scope and contents of the prior art.
2. Ascertaining the differences between the prior art and the claims at issue.
3. Resolving the level of ordinary skill in the pertinent art.
4. Considering objective evidence present in the application indicating obviousness or nonobviousness.

Claims 1-3, 5, 6 8, 9, 14, 15, 17, and 18 are rejected under 35 U.S.C. 103(a) as being unpatentable over Ravenscroft et al. U.S. Patent Number 6,466,663 (hereinafter Ravenscroft) in view Venkatesh US Patent Number 7,120,647.

As per claim 1, Ravenscroft discloses of “computer program product comprising executable program instructions that when executed by a processor provide an interaction center manager's graphical user interface on an interconnected display device, the manager's graphical user interface” by a graphical user interface of a workstation is

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displayed which is processed by a processor (Ravenscroft column 4 lines 26-40). In particular, “an overview area displaying group statistics that relate to a responsiveness of a selected group of interaction center agents being monitored and that indicate a number of customers present in each of multiple customer queues, wherein the multiple customer queues are organized to accommodate different customers” by viewing a pop up box with all of the information (Ravenscroft See Figure 5); “a detailed area displaying a list of each of the user-selected group of interaction center agents being monitored and further displaying for each of the listed agents at least one user-selected individual statistic relating to the listed agents” by monitoring activities of agents upon a display as part of the graphical user interface (Ravenscroft column 1 lines 32-37); providing visual alert of relevant information. (Ravenscroft, col. 8, lines 30-31; “The bay currently being displayed is highlighted.)

Ravenscroft does not specifically teach a detailed area displaying a list of each agent of the selected group of interaction center agents being monitored and further displaying for each list agent an indication of a language skill associated with the listed agent;

multiple customer queues are organized to accommodate different customer priority levels among the multiple customer queues and are being serviced by the selected group of interaction center agents;

displaying information specifying the availability of the listed agent during a future period of time.

Venkatesh teaches specifically teach a detailed area displaying a list of each agent of the selected group of interaction center agents being monitored and further displaying

for each list agent an indication of a language skill associated with the listed agent; (see Venkatesh, col. 4, lines 4-25, fig. 7)

displaying information specifying the availability of the listed agent during a future period of time. (see Venkatesh, col. 7, lines 40-60)

It would have been obvious to an artisan at the time of the invention to include Venkatesh's teaching with method of Ravenscroft in order to provide users with most relevant services.

As per claim 2, the rejection of claim 1 is incorporated and Ravenscroft discloses "statistics are associated with user-created profiles that represent different sets of statistics displayed on the graphical user interface" by displaying requested statistical information on the graphical user interface (Ravenscroft column 5 lines 43-45).

As per claim 3, the rejection of claim 1 is incorporated and Ravenscroft discloses "the display in the detailed area comprises one or more of the interaction center agent's name, queues, key figures for each queue, statistical measurements and alerts" by displaying agent's name, statistical measurements, and queues as shown by Fig. 10 in area 92 and 200 (Ravenscroft Fig. 10).

As per claim 5, the rejection of claim 1 is incorporated and Ravenscroft discloses "the at least one individual statistic includes a current availability state or a communication state for each of the listed agents" by displaying a view of the agent's state of availability and state of communication as shown by Fig. 11 in area 256 and 260 (Ravenscroft Fig. 11).

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As per claim 6, the rejection of claim 5 is incorporated. Ravenscroft-Venkatesh further teaches the communication state is selected from a group consisting of an active chat state, an active phone state, an active email state, and an active paging state. (see Venkatesh fig.8, col. 7, lines 30-40)

Claim 8 is similar in scope to claim 1; therefore it is rejected under similar rationale.

As per claim 9, the rejection of claim 8 is incorporated and claim 9 contains the same limitations as claim 3 and is rejected under the same rationale as set forth in connection with claim 3.

As per claim 14, the rejection of claim 8 is incorporated and claim 14 contains the same limitations as claim 5 and is rejected under the same rationale as set forth in connection with claim 5.

As per claim 15, the rejection of claim 14 is incorporated and claim 15 contains the same limitations as claim 6 and is rejected under the same rationale as set forth in connection with claim 6.

Claims 17 and 18 are similar in scope to claim 8; therefore they are rejected under similar rationale.

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Claims 4 and 13 are rejected under 35 U.S.C. 103(a) as being unpatentable over Ravenscroft- Venkatesh further in view of Judkins et al. U.S. Patent Number 6,587,556 (hereinafter Judkins).

As per claim 4, the rejection of claim 1 is incorporated but Ravenscroft-Anderson does not disclose of “the at least one group statistics are selected from a group consisting of an average handling time, an average speed of answer, an abandonment rate, an average talk time, an average response time, calls per hour, calls per day, total calls by channel and total calls by state”. However, Judkins teaches of “the at least one user-selected statistic is selected from a group consisting of an average handling time, an average speed of answer, an abandonment rate, an average talk time, an average response time, calls per hour, calls per day, total calls by channel and total calls by state” by having all call statistics available as shown in Fig. 57, Fig. 60, and Fig. 61 (Judkins Fig. 57, Fig. 60, and Fig. 61).

Therefore it would have been obvious to one of ordinary skill in the art at the time the invention was made to modify Ravenscroft-Anderson with the call statistics teaching of Judkins. One of ordinary skill in the art would have been motivated to do so because having the call statistics available allows for evaluation of call center performance in any call center system (Judkins column 1 lines 44-46).

As per claim 13, the rejection of claim 8 is incorporated and claim 13 contains the same limitations as claim 4 and is rejected under the same rationale as set forth in connection with claim 4.

Claims 10-12 are rejected under 35 U.S.C. 103(a) as being unpatentable over Ravenscroft-Venkatesh further in view of Chee et al. U.S. Patent Number 6,526,397 (hereinafter Chee).

As per claim 10, the rejection of claim 9 is incorporated but Ravenscroft-Venkatesh does not disclose of “receiving a selection of threshold values associated with each key figure”. However, Chee teaches of “receiving a selection of threshold values associated with each key figure” by providing threshold levels for call statistics (Chee column 5 lines 35-46).

Therefore it would have been obvious to one of ordinary skill in the art at the time the invention was made to modify the call center manager Ravenscroft-Venkatesh with the threshold level option of Chee. One of ordinary skill in the art would have been motivated to do so because having the threshold levels available allows for easier indication of changing color for a statistic represented on a display (Chee column 7 lines 54-57).

As per claim 11, the rejection of claim 10 is incorporated but Ravenscroft-Venkatesh does not disclose of “providing an alert when a key figure exceeds the selected threshold value associated with the key figure”. However, Chee teaches of “providing an alert when a key figure exceeds the selected threshold value associated with the key figure” by providing an alert in the form of change in color of a statistic or warning sound when a threshold level has been breached (Chee column 7 lines 54-57).

Therefore it would have been obvious to one of ordinary skill in the art at the time the invention was made to modify the call center manager of Ravenscroft-Anderson-Elsey-Flockhart with the alert option of Chee. One of ordinary skill in the art would have been motivated to do so because having the alert available will bring the attention of the graphical user interface to the user (Chee column 5 lines 39-43).

As per claim 12, the rejection of claim 11 is incorporated but Ravenscroft-Venkatesh-Chee disclose of "the alert comprises a visual indication on the display". (see Venkatesh, fig. 13, tiems 1022)

Response to Arguments

Applicant's arguments with respect to claims 1-6, 8-15, and 17-18 have been considered but are moot in view of the new ground(s) of rejection.

Conclusion

Applicant's amendment necessitated the new ground(s) of rejection presented in this Office action. Accordingly, **THIS ACTION IS MADE FINAL**. See MPEP § 706.07(a). Applicant is reminded of the extension of time policy as set forth in 37 CFR 1.136(a).

A shortened statutory period for reply to this final action is set to expire THREE MONTHS from the mailing date of this action. In the event a first reply is filed within TWO MONTHS of the mailing date of this final action and the advisory action is not mailed until after the end of the THREE-MONTH shortened statutory period, then the

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shortened statutory period will expire on the date the advisory action is mailed, and any extension fee pursuant to 37 CFR 1.136(a) will be calculated from the mailing date of the advisory action. In no event, however, will the statutory period for reply expire later than SIX MONTHS from the date of this final action.

Inquiry

Any inquiry concerning this communication or earlier communications from the examiner should be directed to SIMON KE whose telephone number is (571)272-4062. The examiner can normally be reached on M-Th and Alternate Fridays 8:30-5:00.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Dennis Chow can be reached on (571) 272-7767. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free). If you would like assistance from a USPTO Customer Service Representative or access to the automated information system, call 800-786-9199 (IN USA OR CANADA) or 571-272-1000.

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Primary Examiner, Art Unit 2174